

WHAT IS CLAIMED IS:

1. An X-ray tomograph, comprising:
 - an X-ray generator having a function of moving a focal position and radiating X-rays toward a subject;
 - an X-ray image receiving element for receiving a plurality of transmission images of the subject formed by the X-rays radiated from the X-ray generator while the focal position is moved; and
 - an image processing section for creating a tomographic image by processing the plurality of transmission images of the subject received by the X-ray image receiving element.
2. The X-ray tomograph according to claim 1, wherein the X-ray generator is configured to make the focal position movable on a circumference; and
wherein the image processing section accumulates the transmission images of the subject corresponding to individual focal positions of the X-ray generator to create an accumulated image and extracts pixels having a brightness value of the accumulated image between a prescribed upper limit threshold value and a lower limit threshold value to create a tomographic image.
3. The X-ray tomograph according to claim 1 or 2, wherein it is configured to create the tomographic image of the subject for each of a plurality of tomographic planes which intersect in prescribed directions and are different from one another.
4. A stereoradioscopic image constructing equipment, comprising:
 - the X-ray tomograph according to any one of claims 1 to 3;

and

a stereoradioscopic image constructing section for creating a stereoradioscopic image by processing the plurality of tomographic images obtained by the X-ray tomograph.

5 5. The stereoradioscopic image constructing equipment according to claim 4,

wherein the stereoradioscopic image constructing section corrects geometrical enlargement ratios of the plurality of tomographic images obtained by the X-ray tomograph and combines 10 the corrected tomographic images to create a stereoradioscopic image.